



International Symposium on Dynamical Properties of Solids

Český Krumlov, Czech Republic,
September 27 - October 1, 2005



The DYPROSO Symposium is a research meeting aimed at promotion of new ideas and concepts in physics of excited states of condensed matter by stimulating scientific discussions among young and experienced scientists actively working in this broad field. Advances both in the theory (molecular dynamics simulations, ab-initio calculations, new formulations and phenomenological models, etc.) and in the experiment (including optical spectroscopy, inelastic neutron and X-ray scattering and novel techniques) are presented. The general scope of the meeting includes topics like lattice, spin and charge dynamics, phase transitions, glasses, and soft condensed matter. The symposium format assumes limited number of participants, no proceedings and no parallel sessions. The speakers are encouraged to talk about their latest results and about open problems, and they are asked to include in their talk a tutorial overview of recent advancements in the relevant field.

The DYPROSO XXX meeting will be held in Cesky Krumlov, a charming little town of South Bohemia, with its historical centre inscribed on the UNESCO World Heritage List. The scientific program will focus on oxygen octahedra and sp² carbon motifs, size and dimensionality effects, nanoscale and mesoscopic order, and on dynamical properties of magnetic, superconducting and ferroelectric solids.

PREREGISTRATION: <http://palata.fzu.cz/dyproso/>